

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. (Previously Presented) A communication apparatus comprising:
 - connecting means for connecting the communication apparatus to a communication network containing an electronic mail exchange device;
 - input means for inputting image data representing an image;
 - transmitting means for transmitting an electronic mail, to which the image data inputted by said input means is attached, via said connecting means;
 - receiving means for receiving an electronic mail as notification of an error, via said connecting means;
 - analyzing means for analyzing the electronic mail as notification of the error received by said receiving means;
 - converting means for converting a size of the image data, inputted by said input means, into a smaller size according to an analysis result obtained by said analyzing means; and
 - control means for automatically carrying out a controlling operation so as to retransmit the electronic mail, to which the image data with the size thereof converted by said converting means is attached, by said transmitting means, in response to said receiving means receiving the electronic mail for notifying the error which indicates that the size of the electronic mail transmitted by said transmitting means is too

large.

2. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means converts the size of image data specified by the electronic mail analyzed by said analyzing means.

3. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means reduces the size by lowering a resolution of an image represented by the image data inputted by said input means.

4. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means reduces the size by reducing a size of an image represented by the image data inputted by said input means.

5. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means reduces the size per electronic mail by dividing the image data inputted by said input means into a plurality of pieces.

6. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means reduces the size by raising a compression rate of the image data inputted by said input means.

7. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means reduces the size by converting the image data which is color image data, inputted by said input means, into black-and-white image data.

8. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means reduces the size by converting the image data which is multivalued image data, inputted by said input means, into binary image data.

9. (Previously Presented) A communication apparatus according to claim 1, further comprising setting means for setting, for said converting means, one of a plurality of conversion methods to be used, and wherein said converting means converts the size by the conversion method set by said setting means.

10. (Previously Presented) A communication apparatus according to claim 1, wherein said converting means converts the size by using a combination of a plurality of converting methods.

11. (Previously Presented) A communication apparatus according to claim 1, wherein said control means repeats the conversion by said converting means and the retransmission by said transmission means every time said receiving means receives an electronic mail for notifying an error.

12. (Currently Amended) A communication method used in a communication apparatus connected via communication means to a communication network containing an electronic mail exchange device, the communication method comprising:

an inputting step, of inputting image data representing an image;

a transmitting step, of transmitting an electronic mail to which the image data inputted in said inputting step is attached, via the connecting means;

a receiving step, of receiving an electronic mail as notification of an error, via the connecting means;

an analyzing step, of analyzing the electronic mail as notification of the error, received in said receiving step;

a converting step, of converting a size of the image data inputted in said inputting step into a smaller size according to an analysis result obtained in said analyzing step; and

a controlling step, of automatically carrying out a controlling operation so as to retransmit the electronic mail, to which the image data with the size thereof converted in said converting step is attached, by said transmitting step, in response to reception in said receiving step of the electronic mail as notification of the error which indicates that the size of the electronic mail transmitted in said transmitting step is too large.

13. (Previously Presented) A communication method according to claim 12, wherein said converting step includes converting the size of image data specified by the electronic mail analyzed in said analyzing step.

14. (Previously Presented) A communication method according to claim 12, wherein said converting step includes reducing the size by lowering a resolution of an image represented by the image data inputted in said input step.

15. (Previously Presented) A communication method according to claim 12, wherein said converting step includes reducing the size by reducing a size of an image represented by the image data inputted in said input step.

16. (Previously Presented) A communication method according to claim 12, wherein said converting step includes reducing the size per electronic mail by dividing the image data inputted in said input step into a plurality of pieces.

17. (Previously Presented) A communication method according to claim 12, wherein said converting step includes reducing the size by raising a compression rate of the image data inputted in said input step.

18. (Previously Presented) A communication method according to claim 12, wherein said converting step includes reducing the size by converting the image data which is color image data, inputted in said input step, into black-and-white image data.

19. (Previously Presented) A communication method according to claim 12, wherein said converting step includes reducing the size by converting the image data which is multivalued image data, inputted in said input step, into binary image data.

20. (Previously Presented) A communication method according to claim 12, further comprising a setting step, of setting, for said converting step, one of a plurality of conversion methods to be used, and wherein said converting step includes converting the size by the conversion method set in said setting step.

21. (Previously Presented) A communication method according to claim 12, wherein said converting step includes converting the size by using a combination of a plurality of converting methods.

22. (Previously Presented) A communication method according to claim 12, wherein said controlling step includes repeating the conversion in said converting step and the retransmission in said transmitting step every time an electronic mail for notifying an error is received in said receiving step.

23. (Currently Amended) A program stored in a computer-readable medium for performing a communication method by a computer, the communication method used in a communication apparatus connected via communication means to a communication network containing an electronic mail exchange device, the program comprising:

an inputting step, of inputting image data representing an image;

a transmitting step, of transmitting an electronic mail to which the image data inputted in said inputting step is attached, via the connecting means;

a receiving step, of receiving an electronic mail as notification of an error, via the connecting means;

an analyzing step, of analyzing the electronic mail as notification of the error, received in said receiving step;

a converting step, of converting a size of the image data inputted in said inputting step into a smaller size according to an analysis result obtained in said analyzing step; and

a controlling step, of automatically carrying out a controlling operation so as to retransmit the electronic mail to which the image data with the size thereof converted in said converting step is attached, by said transmitting step, in response to reception in said receiving step of the electronic mail as notification of the error which indicates that the size of the electronic mail transmitted in said transmitting step is too large.